

## CATALOGO DE LOS MIRIDAE (HETEROPTERA) DE NICARAGUA.

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### Resumen.

Este catálogo presenta las 63 especies de Heteroptera Miridae reportados de Nicaragua. Para cada especie se menciona la sinonimia, la distribución geográfica, las plantas hospederas o las presas y los enemigos naturales. La bibliografía conocida está agregada.

### Abstract.

This catalogue presents the 63 species of Heteroptera Miridae reported so far from Nicaragua. For each one presents geographical distribution, synonymy, host plants and natural enemies. Known bibliography is annexed.

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## Introducción.

Los Miridae forman la familia más numerosa de Heteroptera. Se encuentran sobre las plantas, como fitófagos o depredadores, o ambas cosas a la vez. Son de tamaño pequeño (generalmente 3 a 10 mm), la coloración es variable con predominancia de verde- amarillentos, pero también pueden ser negros o tener colores vistosos. Se reconocen fácilmente por la presencia de un cuneo en los hemiélitros y la ausencia de ocelos. Algunas especies son brachypteras y no presentan membrana en los hemiélitros. Las antenas son de cuatro segmentos, con el primer segmento mas grueso, el rostro es también de cuatro segmentos.

Esta lista de insectos Miridae, considerada con carácter provisorio, fue elaborada por el primer autor, sufriendo críticas del segundo autor. Las plantas hospederas, enemigos naturales y los casos de predación son basados sobre las varias colecciones nacionales y también extraídas en gran parte de la literatura.

El trabajo consta de una amplia bibliografía, principalmente de carácter agrícola, que esperamos sirva a los investigadores locales.

## Especies nicaragüenses.

*Annona variabilis* CARVALHO & SCHAFNER, 1977.

Distribución : Nicaragua (Zelaya).

*Callichila emboliata* CARVALHO & SCHAFFNER, 1975.

Distribución : Nicaragua.

*Calocorisca chontalensis* DISTANT, 1893.

Distribución : Nicaragua (Chontales: Santo Domingo: typus),  
Costa Rica, Panamá, Venezuela, Ecuador, Brasil,  
Paraguay, Argentina.

*Calocorisca villosa* DISTANT 1884.

= *Calocorisca thoraxica* DISTANT 1884.

Distribución : Nicaragua (Matagalpa), Costa Rica, Panamá,  
Venezuela.

***Collaria oleosa* (DISTANT, 1883) [*Trachelomiris*].**

chinche.

Distribución : USA, Caribe, México, Guatemala, Nicaragua  
(Boaco, Chontales, Zelaya), Panamá, Venezuela,  
Brasil.

Fitófago : Cucurbitaceae.

Fabaceae : *Phaseolus*.

Poaceae : *Oryza*, *Zea*.

Sterculiaceae : *Theobroma*.

***Creontiades rubrinervis* (STAL, 1862) [*Megacoelus*].**

chinche rápida.

= *Creontiades femoralis* VAN DUZEE.

= *Creontiades femoratus*.

= *Creontiades purgatus*.

Distribución : USA, Cuba, México, Nicaragua (Masaya,  
Granada, León).

Fitófago : Cucurbitaceae.

Fabaceae : *Phaseolus*, *Glycine*, *Vigna*.

Malvaceae : *Gossypium*.

Pedaliaceae : *Sesamum*.

Poaceae : *Zea*, *Sorghum*.

Solanaceae : *Solanum*.

***Creontiades signatus* (DISTANT, 1884) [*Megacoelum*].**

Distribución : Nicaragua.

Fitófago : Malvaceae : *Gossypium*.

***Creontiades* sp.**

Distribución : Nicaragua (Managua).

***Cyrtocaspus caligineus* (STAL, 1859) [*Capsus*].**

chinchita de la hoja.

= *Perithous pallipes* DISTANT 1894.

= *Hemisphaerodella mirabilis* REUTER 1908.

= *Lopesiella mirabilis* WYGODZINSKY 1946.

Distribución : USA, Cuba, Hispaniola, Nicaragua  
(Chinandega), Brasil.

Fitófago : Convolvulaceae : *Ipomoea*.

***Cyrtomenus* sp.**

Distribución : Nicaragua (Nueva Segovia).

Fitófago : Poaceae : *Zea*.

***Cyrtopeltis modestus* (DISTANT, 1893) [*Neosilia*].**

tomato bug.

= *Engytatus geniculatus* REUTER 1876.

= *Cyrtopeltis luridus* GIBSON.

Distribución : Hawaii, USA, Puerto Rico, Cuba, Grenada,  
Nicaragua (Chinandega, León), Suramérica, Is.  
Galápagos.

Fitófago : Portulacaceae : *Portulaca*.

Solanaceae : *Lycopersicum*, *Nicotiana*.

***Cyrtopeltis tenuis* REUTER, 1895.**

mosca chupadora del tomate.

Distribución : Cuba, Nicaragua (Managua, Masaya, Estelí).

Fitófago : Pedaliaceae : *Sesamum*.

Solanaceae : *Lycopersicum*, *Nicotiana*.

***Dagbertus bahianus* CARVALHO, 1983.**

Distribución : Nicaragua (Chinandega).

***Eccritotarsus nicaraguensis* CARVALHO, 1966.**

Distribución : Nicaragua (?Matagalpa).

***Euchilocoris balteatus* (DISTANT, 1884) [*Paracalocoris*].**

Distribución : Nicaragua (Matagalpa).

***Fulvius atratus* DISTANT, 1884.**

Distribución : Nicaragua (Zelaya).

***Fulvius* sp.**

Distribución : Nicaragua (Zelaya).

***Garganus albidivittis* STAL, 1862.**

chinche.

Distribución : México, Nicaragua (granada).

Fitófago: Fabaceae : *Phaseolus*.

Poaceae : *Oryza*.

***Halticus bractatus* (SAY, 1832).**

pulga saltona, mírido saltarín de la hortaliza, chinchita saltadora, garden flea hopper.

= *Halticus spagazzinii* BERG 1884.

= *Rhinacloa citri* ASHMEAD 1887 [*Halticus*].

= *Halticus minutus* UHLER 1889.

= *Halticus uhleri* GIARD 1892.

= *Halticus nigricornis* REUTER 1908.

Distribución : Canadá, Hawaii, USA, Cuba, Nicaragua (Managua, Masaya, Granada, Jinotega), Suramérica.

Fitófago : **Amaranthaceae : *Amaranthus*.**

**Asteraceae : *Cirsium, Lactuca*.**

**Cucurbitaceae : *Cucumis, Cucurbita, Citrullus*.**

**Fabaceae : *Phaseolus, Medicago, Glycine, Trifolium, Vigna*.**

**Juglandaceae : *Juglans*.**

**Malvaceae : *Gossypium*.**

**Phytolaccaceae : *Phytolacca*.**

**Poaceae : *Triticum, Zea, Hordeum, Avena*.**

**Portulacaceae : *Portulaca*.**

**Rutaceae : *Citrus*.**

**Solanaceae : *Lycopersicum, Solanum, Nicotiana*.**

Enemigos naturales :

HYM. Larridae : *Plenoculus davisii davisii*.

***Halticus canus* (DISTANT, 1893) [*Calocoris*].**

= *Halticus bractatus* autores (en parte).

Distribución : México, Guatemala, Nicaragua.

***Horcias plagosus* DISTANT, 1884.**

Distribución : Nicaragua (Zelaya).

***Horcias scutellatus* DISTANT, 1884.**

Distribución : Nicaragua (Zelaya).

***Jobertus chryselectrus* DISTANT, 1893 [*Hyachloria, Diaphnidia, Paraproba*].**  
chinchita de hojas.

Distribución : USA, Cuba, Puerto Rico, México, Nicaragua (Zelaya).

Fitófago : **Borraginaceae : *Cordia*.**

**Convolvulaceae : *Ipomoea*.**

**Cucurbitaceae : *Cucurbita*.**

**Fabaceae : *Phaseolus*.**

**Solanaceae : *Solanum*.**

**Verbenaceae : *Clerodendrum*.**

Depredador : HOM. Cicadellidae.

***Keltonia sulfurea* (REUTER).**

Distribución : USA, Nicaragua (León).

Fitófago : Asteraceae : *Baltimora*, *Ambrosia*, *Eupatorium*,  
*Xanthium*, *Iva*, *Heterotheca*, *Helenium*, *Aster*,  
*Haplopappus*.

Chenopodiaceae : *Chenopodium*.

Juglandaceae : *Juglans*.

Malvaceae : *Sida*.

Onagraceae : *Oenothera*.

Poaceae : *Eriogeron*.

***Lampethusa anatina* DISTANT 1884.**

Distribución : Nicaragua (Managua, Zelaya).

***Lampethusa* sp.**

Distribución : Nicaragua (Managua).

***Lygus lineolaris* (PALISOT DE BEAUVOIS, 1818).**

chinche, tarnished plant bug.

= *Cimex pratensis* LINNAEUS 1759 [*Lygus*].

Distribución : Canadá, USA, Nicaragua (Matagalpa).

Fitófago : Aizoaceae : *Trianthema*.

Amaranthaceae : *Amaranthus*.

Anacardiaceae : *Rhus*.

Apiaceae : *Daucus*, *Chaerophyllum*, *Cynosciadium*,  
*Torilis*, *Trepocarpus*, *Apium*.

Apocynaceae : *Apocynum*.

Asclepiadaceae : *Cynanchum*.

Asteraceae : *Galinsoga*, *Aster*, *Lactuca*, *Conyza*,  
*Dahlia*, *Chrysanthemum*, *Helianthus*, *Senecio*,  
*Matricaria*, *Ambrosia*, *Anthemis*, *Baccharis*,  
*Taraxacum*, *Verononia*, *Xanthium*, *Bidens*,  
*Cirsium*, *Coreopsis*, *Dracopsis*, *Eclipta*,  
*Erechtites*, *Erigon*, *Eupatorium*, *Haplopappus*,  
*Helenium*, *Heterotheca*, *Iva*, *Krigia*, *Mikania*,  
*Parthenium*, *Pluchea*, *Pyrrhopappus*, *Solidago*,  
*Sonchus*, *Spilanthes*, *Prunus*, *Rubus*.

Borraginaceae : *Hackelia*, *Lithospermum*.

Brassicaceae : *Brassica*, *Sinapsis*, *Raphanus*, *Capsella*,  
*Lepidium*, *Rorippa*, *Sibara*, *Sisymbrium*.

Campanulaceae : *Specularia*.

Caprifoliaceae : *Sambucus*.

Caryophyllaceae : *Cerastium*, *Stellaria*, *Dianthus*.

Chenopodiaceae : *Beta*, *Chenopodium*.

Convolvulaceae : *Convolvulus*, *Cuscuta*, *Ipomoea*.

Cucurbitaceae : *Cucumis*.

Cyperaceae : *Cyperus*.

- Euphorbiaceae : *Acalypha, Croton, Euphorbia.*
- Fabaceae : *Medicago, Vicia, Phaseolus, Trifolium, Cassia, Apios, Desmodium, Glycine, Lathyrus, Lespedeza, Robinia, Sesbania, Strophostyles, Pisum, Lotus*
- Geraniaceae : *Geranium.*
- Juglandaceae : *Juglans.*
- Lamiaceae : *Lamium.*
- Lythraceae : *Ammannia, Lythrum.*
- Malvaceae : *Gossypium, Abutilon, Anoda, Hibiscus, Sida.*
- Oleaceae : *Fraxinus, Ligustrum.*
- Onagraceae : *Gaura, Ludwigia, Oenothera.*
- Oxalidaceae : *Oxalis.*
- Phytolaccaceae : *Phytolacca.*
- Plantaginaceae : *Plantago.*
- Poaceae : *Eriogeron, Arundo, Echinochloa, Panicum, Sorghum, Zizaniopsis.*
- Polygonaceae : *Polygonum, Rumex.*
- Portulacaceae : *Portulaca.*
- Ranunculaceae : *Ranunculus, Delphinium.*
- Rosaceae : *Rosa, Prunus, Pyrus, Fragaria.*
- Rubiaceae : *Cephalanthus, Galium, Sherardia.*
- Saururaceae : *Saururus.*
- Scrophulariaceae : *Linaria, Lindernia.*
- Solanaceae : *Nicotiana, Physalis, Solanum.*
- Ulmaceae : *Celtis.*
- Valerianaceae : *Valerianella.*
- Verbenaceae : *Verbena, Lippia, Phyla.*
- Vitaceae : *Vitis.*
- Depredador de HOM. Aphididae : *Acyrtosiphon pisum.*
- Cicadellidae : *Empoasca fabae.*
- HET. Miridae : *Lygus lineolaris.*
- COL. Curculionidae : *Hypera postica.*
- Chrysomelidae : *Leptinotarsa decemlineata.*
- LEP. Noctuidae : *Pleuroplucha insularia.*
- Heliothis sp.*
- DIP. Agromyzidae : *Agromyza frontella.*
- Enemigos naturales :
- HYM. Braconidae : *Leiophron uniformis.*
- Leiophron lygivora.*
- Peristenus pallipes.*
- Peristenus pseudopallipes.*
- Ichneumonidae.
- Mymaridae : *Anaphes ovijentatus.*
- Polynema pratensiphagum.*
- Larridae : *Plenoculus davisii davisii.*

Crabronidae : *Anacrabro ocellatus ocellatus*.  
 DIP. Tachinidae : *Alophorella opaca*.  
                   *Alophorella aeneoventris*.  
                   *Alophorella fumosa*.  
                   *Alophorella pulverea*.  
 HET. Pentatomidae : *Podisus maculiventris*.  
           Reduviidae : *Sinea diadema*.  
           Lygaeidae : *Geocoris punctipes*.  
           Nabidae : *Nabis ferus*.  
                   *Nabis roseipennis*.  
 ARA. Thomisidae : *Misumenops sp.*  
 Nematoda : *Hexameris sp.*

*Macrolophus praeclarus* DISTANT, 1884 [*Pandama*].  
 chinchita menor de la hoja del tabaco.  
 = *Dicyphus prasinus* GIBSON en BRUNER 1934.  
 Distribución : Cuba, México, Guatemala, Nicaragua (León),  
 Brasil.  
 Fitófago : Solanaceae : *Nicotiana*.

*Mala sp.*  
 Distribución : Nicaragua (Matagalpa).

*Monalocoris eminulus* (DISTANT, 1893) [*Carmelus*].  
 = *Monalocoris hesperius* REUTER 1908.  
 Distribución : Nicaragua (Zelaya).

*Neella pallescens* CARVALHO & SCHAFFNER, 1985.  
 Distribución : México, Nicaragua (León: 16.3 mi SE León:  
 Typus).

*Neofurius nicaraguensis* CARVALHO, 1987.  
 Distribución : Nicaragua (Zelaya: El Recreo: typus).

*Neurocolpus mexicanus* DISTANT, 1883.  
 chinche.  
 Distribución : ?USA, México, Guatemala, Honduras, El  
 Salvador, Nicaragua (Managua, Masaya, León), Costa  
 Rica, Panamá, Venezuela.  
 Fitófago : Asteraceae : *Baltimora*.  
           Balsaminaceae : *Impatiens*.  
           Fabaceae : *Phaseolus, Cajanus, Tephrosia, Dolichos*.  
           Lamiaceae : *Salvia*.  
           Malvaceae : *Gossypium*.  
           Polygonaceae : *Rumex*.  
           Verbenaceae : *Lantana*.

***Pachymerocerista nicaraguensis* CARVALHO, 1987.**  
Distribución : Nicaragua (Zelaya: El Recreo: typus).

***Parafurius discifer* (STAL, 1860).**  
Distribución : Nicaragua (Zelaya).

***Paramixia* sp.**  
Distribución : Nicaragua.

***Parthenicus sparsus* (DISTANT, 1893).**  
Distribución : Nicaragua (León).

***Phytocoris* sp.**  
Distribución : Nicaragua (Managua).  
Fitófago : Malvaceae : *Gossypium*.  
Poaceae : *Zea*.

***Polymerus* sp.**  
Distribución : Nicaragua (León).  
Fitófago : Poaceae : *Zea*.

***Prepops nicaraguensis* CARVALHO & SCHAFFNER 1987.**  
Distribución : Nicaragua (Matagalpa: 13.4 mi. NW Sebaco:  
Typus).

***Prepops* sp.**  
Distribución : Nicaragua (Zelaya).  
Fitófago : Convolvulaceae : *Ipomoea*.  
Poaceae : *Oryza*.

***Proba sallei* (STAL, 1862) [*Lygus*].**  
chinche.  
Distribución : México, Guatemala, Nicaragua (Managua).  
Fitófago : Poaceae : *Sorghum*.

***Pseudatomoscelis seriatus* (REUTER, 1876) [*Psallus*].**

cotton fleahopper.

Distribución : USA, México, Nicaragua.

Fitófago : Amaranthaceae : *Amaranthus*.

Apiaceae : *Torilis*.

Asteraceae : *Ambrosia, Anthemis, Aster, Coreopsis, Eriogeron, Eupatorium, Helenium, Parthenium, Pyrrhopappus, Xanthium, Gnaphalium*.

Brassicaceae : *Lepidium*.

Caryophyllaceae : *Stellaria*.

Euphorbiaceae : *Croton, Euphorbia*.

Fabaceae : *Cassia, Glycine, Trifolium, Vicia*.

Geraniaceae : *Geranium*.

Juglandaceae : *Juglans*.

Lamiaceae : *Monarda*.

Lythraceae : *Lythrum*.

Malvaceae : *Gossypium, Sida*.

Myrtaceae : *Psidium*.

Onagraceae : *Oenothera*.

Polygonaceae : *Polygonium*.

Ranunculaceae : *Ranunculus*.

Solanaceae : *Solanum*.

Verbenaceae : *Verbena*.

Depredador de LEP. Noctuidae : *Heliothis virescens*.

Enemigos naturales :

HET. Reduviidae : *Zelus renardii*.

HYM. Mymaridae : *Erythmelus psallidis*.

*Anaphes anamocerus*.

*Barypolynema aspidioti*.

Trichogrammatidae : *Paracentrobia nympha*.

Larridae : *Plenoculus davisii davisii*.

***Pycnoderes atratus* (DISTANT, 1884).**

Distribución : Nicaragua (Zelaya).

***Pycnoderes dilatatus* REUTER, 1909.**

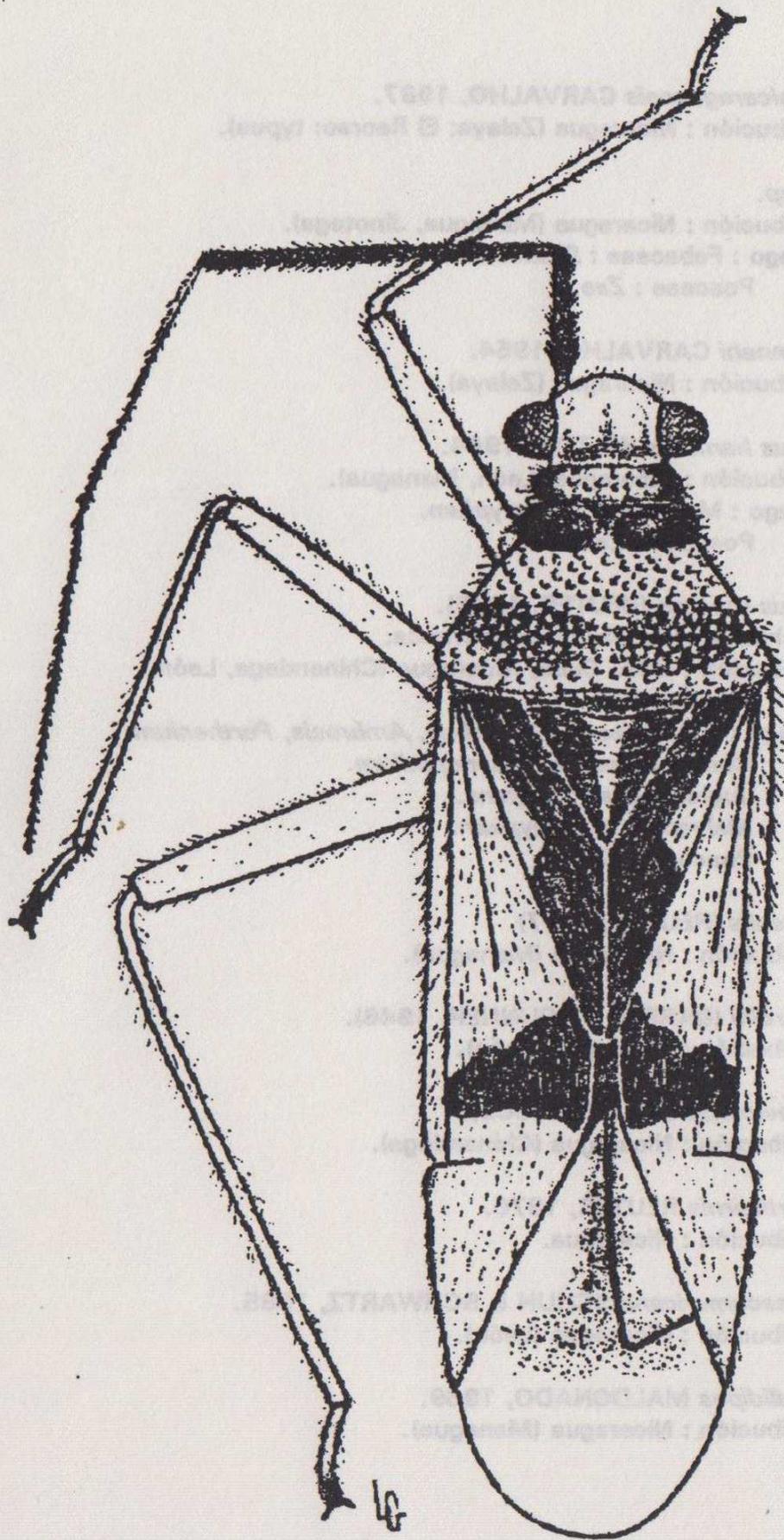
Distribución : Nicaragua (Granada).

Fitófago : Cucurbitaceae : *Cucumis*.

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***Neofurius nicaraguensis* CARVALHO, 1987.**

Dibujo basado sobre la hembra holotipus.



0,5 mm

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***Pycnoderes nicaraguensis* CARVALHO, 1987.**

Distribución : Nicaragua (Zelaya: El Recreo: typus).

***Pycnoderes* sp.**

Distribución : Nicaragua (Managua, Jinotega).

Fitófago : Fabaceae : *Phaseolus*.

Poaceae : *Zea*.

***Ranzovius fennahi* CARVALHO, 1954.**

Distribución : Nicaragua (Zelaya).

***Reuteroscopus hamatus* KELTON, 1964.**

Distribución : Nicaragua (León, Managua).

Fitófago : Malvaceae : *Gossypium*.

Poaceae : *Zea*.

***Reuteroscopus ornatus* (REUTER, 1876).**

chinchita ornada, chinchita adornada.

Distribución : USA, Cuba, Nicaragua (Chinandega, León, Managua).

Fitófago : Asteraceae : *Helianthus*, *Ambrosia*, *Parthenium*.

Chenopodiaceae : *Chenopodium*.

Juglandaceae : *Juglans*.

Malvaceae : *Gossypium*.

Poaceae : *Zea*.

***Rhinacloa basalis* (REUTER, 1907).**

Distribución : Nicaragua (Managua).

***Rhinacloa cardini* (BARBER & BRUNNER, 1946).**

Distribución : Nicaragua (León).

***Rhinacloa clavicornis* (REUTER, 1905).**

Distribución : Nicaragua (Chinandega).

***Rhinacloa forticornis* REUTER, 1876.**

Distribución : Nicaragua.

***Rhinacloa mesoamericana* SCHUH & SCHWARTZ, 1985.**

Distribución : Nicaragua (León).

***Rhinacloa pallidipes* MALDONADO, 1969.**

Distribución : Nicaragua (Managua).

***Rhinacloa subpallicornis* KNIGHT.**

chinchita.

Distribución : Cuba, Nicaragua (León).

Fitófago : Fabaceae : *Phaseolus*.

***Rhinacloa* sp.**

Distribución : Nicaragua (León).

***Sixeonotus* sp.**

Distribución : Nicaragua (Granada).

***Spanagonicus albofasciatus* (REUTER, 1907)**

black fleahopper.

Distribución : USA, México, Nicaragua (Managua).

Fitófago : Amaranthaceae : *Amaranthus*.

Asteraceae : *Galinsoga*, *Xanthium*, *Helenium*,  
*Parthenium*, *Iva*.

Euphorbiaceae : *Euphorbia*.

Fabaceae : *Phaseolus*, *Medicago*, *Trifolium*.

Juglandaceae : *Juglans*.

Lamiaceae : *Lamium*.

Malvaceae : *Gossypium*.

Onagraceae : *Oenothera*.

Poaceae : *Eriogeron*.

Polygonaceae : *Polygonum*.

Portulacaceae : *Portulaca*.

Solanaceae : *Solanum*.

Depredador de huevos de insectos y de ácaros.

Enemigos naturales :

DIP. Asilidae : *Proctacanthella leucopogon*

***Trigonotylus doddi* (DISTANT, 1904) [*Megaloceroea*].**

= *Megaloceroea dohertyi* DISTANT 1904 [*Trigonotylus*]

Distribución : USA, Nicaragua (Chinandega, Managua),  
Brasil.

Fitófago : Cyperaceae : *Cyperus*.

Fabaceae : *Phaseolus*, *Medicago*.

Juglandaceae : *Juglans*.

Poaceae : *Zea*, *Sorghum*, *Cynodon*, *Bromus*,  
*Leptochloa*, *Digitaria*, *Eleusine*, *Setaria*,  
*Hordeum*, *Chloris*.

***Tytthus hondurensis* CARVALHO, 1984.**

Distribución : Nicaragua.

*Tytthus parviceps* (REUTER, 1890).  
chinchita.  
Distribución : Cuba, Nicaragua.  
Fitófago : Poaceae : *Oryza*.

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